Application Serial No. 10/581,231   PATENT
Reply to office action of June 12, 2008   **RECEIVED**   Docket:CU-4813

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SEP 1 2 2008

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings,

of claims in the application.

Listing of claims:

1. **(currently amended)**   A synchronous digital hierarchy tributary module supporting

multiple service processing, including a Synchronous Digital Hierarchy (SDH) tributary

processing unit and service processing units; wherein there are at least two service

processing units connected with the SDH tributary processing unit respectively, for

mapping and unmapping corresponding service signals; the SDH tributary processing

unit is for multiplexing and demultiplexing mutilple service signals in an SDH signal;

wherein the SDH tributary processing unit and the at least two service

processing units are disposed on one board;

the tributary module further includes a multiple service cross processing

unit which is used to implement interconnection among different services, each

service processing unit being connected to a local interface through the multiple

service cross processing unit; and

wherein the SDH tributary processing unit separates out the service

signals corresponding to different service processing units, according to

different time slots corresponding to the SDH signals of different services.

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2-4. (canceled)

5. (previously presented) The synchronous digital hierarchy tributary module

supporting multiple service processing according to claim 1, wherein a cross module of

a SDH equipment node time-division multiplexes multiple service SDH signals into one

SDH signal.

6. **(currently amended)** The synchronous digital hierarchy tributary module supporting

multiple service processing according to claim [[1]] 5, wherein the services to be sent

from the local to the SDH side are mapped by the service processing units respectively

and sent to the SDH tributary processing unit for multiplexing, different services being

multiplexed in different time slots, and the cross module of the SDH equipment node

transmits the signals of different time slots to [[the]] corresponding line modules or

other tributary modules.

7. **(currently amended)** An SDH equipment node using the synchronous digital

hierarchy tributary module, including a plurality of local interfaces, a plurality of line

modules, a cross module connected with the line modules respectively and a plurality of

SDH tributary modules connected with the cross module respectively; wherein the SDH

tributary module comprises an SDH tributary processing unit and at least two service

processing units connected with the SDH tributary processing unit respectively, the

service processing unit being for mapping and unmapping corresponding service signal,

and the SDH tributary processing unit being for multiplexing and demultiplexing multiple

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service signals in an SDH signal;

    wherein the SDH tributary processing unit and the at least two service processing units are disposed on one board;

    the tributary module further includes a multiple service cross processing unit which is used to implement interconnection among different services, each service processing unit being connected to a local interface through the multiple service cross processing unit; and

    wherein the SDH tributary processing unit separates out the service signals corresponding to different service processing units, according to different time slots corresponding to the SDH signals of different services ~~, each of the service processing units being directly connected with a corresponding local interface respectively~~.

8. (canceled)

9. (original) The SDH equipment node according to claim 7, wherein the cross module of the SDH equipment node time-division multiplexes multiple service SDH signals into one SDH signal.

10. **(currently amended)** The SDH equipment node according to claim [[7]] 9, wherein the services to be sent from the local to the SDH side are mapped by the service processing units respectively and sent to the SDH tributary processing unit for multiplexing, different services being multiplexed in different time slots, and the cross

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module of the SDH equipment node transmits the signals of different time slots to the

corresponding line modules or other tributary modules.

11-18. (canceled)